

Case 1:14-cv-00172-LAP Document 8 Filed 04/28/14 Page 1 of 1
TO: DEPT. OF ENERGY
DEPT. OF HEALTH & HUMAN SERVICES
DEPT. OF DEFENSE
DEPT. OF JUSTICE
CENTRAL INTELLIGENCE AGENCY
APRIL 24, 2014

FROM: JAMES PATRICK FLYNN III; AND
CSATF, P.O. BOX 5242; CORCORAN, CA 93212
CIVIL DOCKET FOR CASE #: 1:14-CV-00172-UA (SDNY)
AND: CHIEF JUDGE LORETTA A. PRESKA

RE: FEDERAL TORT CLAIMS ACT 28 U.S.C. 2675(a)
: ADMINISTRATIVE CLAIM FOR MONETARY DAMAGES

RE: HUMAN RADIATION/MEDICAL EXPERIMENTATION

TO WHOM IT MAY CONCERN:

I, JAMES PATRICK FLYNN III, DO HEREBY FILE AN ADMINISTRATIVE CLAIM UNDER THE "FTCA" FOR MONETARY DAMAGES DUE TO HUMAN RADIATION AND MEDICAL EXPERIMENTATION CONDUCTED BY YOUR AGENCY/DEPARTMENT AND PREDECESSORS, IN COLLABORATION WITH MONTEFIORE MEDICAL CENTER, BRONX, NY, AND ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY, ON (ME) AS A CHILD IN THE 1960'S & 1970'S, WHICH RESULTED IN MY DEATH AND PERMANENT INJURY TO MY BRAIN, ETC.

PLEASE NOTE THAT IN ACCORD WITH "FTCA" PROCEDURE I AM REQUESTING A "FINAL WRITTEN DETERMINATION". SIX MONTHS AFTER THE DATE OF THIS CLAIM I WILL SEEK TO AMEND YOUR AGENCY/DEPT. TO LIST OF DEFENDANTS AFOREMENTIONED. I AM WILLING TO SUBMIT ALL MY MEDICAL RECORDS, ETC., TO PROVE I WAS AN INNOCENT VICTIM OF UNTHINKABLE ATROCITIES WHILE AT MONTEFIORE HOSPITAL. I THANK YOU FOR YOUR TIME AND CONSIDERATION OF THIS REQUEST.

I DECLARE UNDER THE PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT.

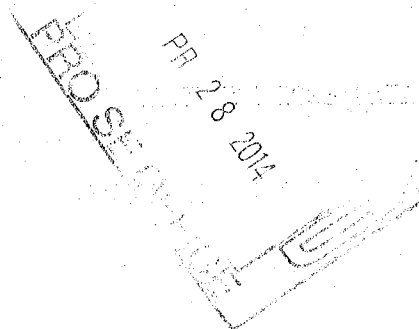
SIGNED THIS DAY OF APRIL 24, 2014.

NAME: JAMES PATRICK FLYNN III
SIGNATURE: *James P. Flynn*
DOB: JUNE 07, 1962
Birth - [PLACE: WESTCHESTER/FORDHAM HOSP/UNIV] [12:03am]
CITY: BRONX, NY
SS#: 112-46-6990

MONETARY DAMAGE: (\$250,000,000)
: TWO HUNDRED & FIFTY MILLION DOLLARS

Your Honor: This is a copy of what I sent the above with some facts.

Target Date: October 24, 2014. Thank You! *B.F.*



2 of 20

MEMPHIS HOSPITAL - PEDIATRICS CHEMISTRY LAB

UM ☒ CSF ☐ 3. URINE ☐ OTHER ☐

TEST	Results	CODE	Units	Results	CODE	Units
<input checked="" type="checkbox"/> Sodium	mEq/l	133.8	21	<input checked="" type="checkbox"/> Alk. Phos	U-L	Units
<input checked="" type="checkbox"/> Potassium	mEq/l	3.9	22	<input checked="" type="checkbox"/> Urea N	mg%	5.7
<input checked="" type="checkbox"/> Chloride	mEq/l	98.5	23	<input type="checkbox"/> Creatinine	mg%	
<input checked="" type="checkbox"/> CO ₂	mEq/l	15.5	30	<input type="checkbox"/> 1 Creat. Clear	ml/min	
<input type="checkbox"/> Osmolality	mosm/kg		31	<input type="checkbox"/> 2 Creat. Clear		
<input checked="" type="checkbox"/> Calcium	mg%	8.0	32	<input type="checkbox"/> 2 Creat. Clear		
<input checked="" type="checkbox"/> Phosphorus	mg%		33	<input type="checkbox"/> PUU		
<input checked="" type="checkbox"/> Magnesium	mEq/l	2.3	34	<input type="checkbox"/> Uric Acid		
<input checked="" type="checkbox"/> Total Protein	g%		35	<input type="checkbox"/> Leu		
<input checked="" type="checkbox"/> Albumin	g%		36	<input type="checkbox"/> Inc. in Ckr.		
<input type="checkbox"/> Globulin	g%		37	<input type="checkbox"/> 1 hr. (FBS)	mg%	
<input type="checkbox"/> Salicylate	mg%		38	<input type="checkbox"/> 2 hr. (FBS)	mg%	
<input type="checkbox"/> ccAmino N	mg%		39	<input type="checkbox"/> 1 hr. (FBS)	mg%	
<input type="checkbox"/> pH	Units		40	<input type="checkbox"/> 1 1/2 hr. (FBS)	mg%	
<input type="checkbox"/> Cholesterol	mg%		41	<input type="checkbox"/> 2 hr. (FBS)	mg%	
<input type="checkbox"/> Cepb. Floc.	mg%		42	<input type="checkbox"/> 2 hr. (FBS)	mg%	
<input type="checkbox"/> Thymol Turb	S-H Units		43	<input type="checkbox"/> 2 hr. (FBS)	mg%	
<input type="checkbox"/> Bilirubin	mg% T		44	<input type="checkbox"/> 2 hr. (FBS)	mg%	
<input type="checkbox"/> Amylase	mg% D		45	<input type="checkbox"/> 2 hr. (FBS)	mg%	

PEDIATRICS CHEMISTRY LAB

NAME: *FLYNN JAMES* ACCOUNT NO.: *GRAND CONCOURSE BX NY* HOSPITAL NO.: *237 06 0708R*

ADDRESS: *5745* CITY: *FLYNN* STATE: *TX* ZIP: *75069*

ORDERED BY: *Michael* CLINICAL DIAGNOSIS: *CORA*

CHARGE: *5.62* DATE: *08* MO.: *08* DAY: *08* YR.: *08*

REQUEST DATE: *6-13*

REPORTED BY: *STAT* REPORT DATE: *108*

REMARKS: ** Please do glucose CHART #1*

a.

EURE HOSPITAL - PEDIATRICS CHEMISTRY LAB				
TEST	Results	CODE	TEST	Results
<input type="checkbox"/> Sodium mEq/l		21	<input type="checkbox"/> Alk. Phos Units	
<input type="checkbox"/> Potassium mEq/l		22	<input type="checkbox"/> Urea N mg%	
<input type="checkbox"/> Chloride mEq/l		23	<input type="checkbox"/> Creatinine mg%	
<input type="checkbox"/> CO ₂ mEq/l		30	<input type="checkbox"/> 1 Creat. Clear ml/min	
<input type="checkbox"/> Osmolality mosm/kg		31	<input type="checkbox"/> 2 Creat. Clear	
<input type="checkbox"/> Calcium mg%		32	<input type="checkbox"/> 3 Creat. Clear	
<input type="checkbox"/> Phosphorus mg%		33	<input type="checkbox"/> PBI	
<input type="checkbox"/> Magnesium mEq/l		41	<input type="checkbox"/> Uric Acid	
<input checked="" type="checkbox"/> Total Protein g%	18	35	<input type="checkbox"/> Lead	
<input type="checkbox"/> Albumin g%		46	<input type="checkbox"/> Iodulin Ch.	
<input type="checkbox"/> Globulin g%		47	<input type="checkbox"/> Creatin	
<input type="checkbox"/> Salicylate mg%		76	<input type="checkbox"/> Glucose (FBS) mg%	
<input type="checkbox"/> Ccaminon mg%		77	<input checked="" type="checkbox"/> Glucose (FBS) mg%	78
<input type="checkbox"/> pH Units		78	<input type="checkbox"/> Glucose Tol. FBS mg%	
<input type="checkbox"/> Cholesterol mg%			<input type="checkbox"/> 1/2 hr. mg%	
<input type="checkbox"/> Ceph. Flocc.			<input type="checkbox"/> 1 hr. mg%	
<input type="checkbox"/> Thymol Turb Units			<input type="checkbox"/> 1 1/2 hr. mg%	
<input type="checkbox"/> SGPT Units			<input type="checkbox"/> 2 hr. mg%	
<input type="checkbox"/> SGOT Units				
<input type="checkbox"/> Bilirubin mg% T				
<input type="checkbox"/> Bilirubin mg% D				

CHART #1

ADDRESS/PLATE		NAME	
690562 M7AC		ACCOUNT NO.	
HOSPITAL NO.		HOSPITAL NO.	
ORDERED BY: <i>Harmon</i>		REQUEST DATE: <i>6/13</i>	
CLINICAL DIAGNOSIS: <i>6/6 meningitis</i>		REPORT DATE:	
REMARKS:		LOG NO. <i>6473</i>	

PEDIATRICS CHEMISTRY LAB

b.

Montefiore Hospital and Medical Center BRONX, NEW YORK 10467

NAME OF PATIENT	FLYNN, JAMES	S.S. NO.	112 46 6990
ADMITTED	6-20-74	DISCHARGED	7-3-74
PRIVATE PHYSICIAN	DR. <i>M. Cohen, Chief</i> L. FINBERG	SERVICE	<i>Med. Adl.</i>
		RESIDENT	DR. J. KLEIN

This is one of many MHMC admissions for this 12 year old white male admitted electively for bilateral ureteral reimplantations.

The patient was admitted to this hospital three weeks ago for flank pain and dysuria and was found to have acute pyelonephritis. IVP showed an area of decreased visualization in the upper pole of the right kidney. Severe ureteral reflux was noted, massive on the right.

The infection was E. coli resistant to Ampicillin which resolved on IV Gantrisin. The patient has been on oral Gantrisin since and no recurrence of symptoms. Urine culture on 6-18 was negative.

PAST MEDICAL HISTORY: Remarkable for pneumonia at age 2 requiring admission; pneumonia with high fever, questionable encephalitis with seizure. Abnormal EEG at age 9. The patient was hospitalized with normal skull x-rays. He has been off Phenobarb X 2 years and recently had a normal EEG.

FAMILY HISTORY: Unremarkable.

SOCIAL HISTORY: Unremarkable.

REVIEW OF SYSTEMS: Unremarkable.

PHYSICAL EXAMINATION: An alert, well-nourished, well-developed, white male in no acute distress. Vital signs: Blood pressure 110/70, respirations 16, pulse 80, temperature 98.6. The skin is without lesions. HEENT: Eyes: Pupils equal and reactive to light. Full range of motion. Fundi benign. Tympanic membranes benign. Pharynx benign.

Neck without masses. Chest is clear. Heart: Regular rhythm. Grade 1/6 systolic ejection murmur at the lower left sternal border, no radiation. The abdomen is soft without masses. Liver and spleen not palpable. Genitalia: Normal early pubertal male. Testes descended. Extremities normal. Neurological intact.

INITIAL IMPRESSION: Pyelonephritis.
Bilateral ureteral reflux.
Status post-seizure disorder.

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BRUNNEN NEW YORK 10017

ATTENTION DR

NAME OF PATIENT

FLYNN, JAMES

SS. NO.

BJT 06 0762 R

ADMITTED 6/12/69

DISCHARGED 6/20/69

SERVICE

Ped. Private

PRIVATE PHYSICIAN

Dr. M. Freeman

RESIDENT

Dr. R. Sachs

-5-

CONDITION ON DISCHARGE: Satisfactory

PROGNOSIS: Satisfactory

RECOMMENDATIONS: To be followed up in Neurology Clinic.

DIAGNOSIS: Acute toxic encephalopathy

Right sided unilateral calcified choroid plexus

Dr. R. Sachs:sk

Dict: 12/18/69

Trans: 12/24/69

Signed by Resident: Robert A. Sachs M.D.

Signed by Attending: 

RR-2568

DISCHARGE

SUMMARY

RED-005 7/67

Chart #

MONTEFIORE HOSPITAL and MEDICAL CENTER

Patient History Form

Date

6/12/11

Pediatric Division

Flynn James Patrick
Surname First Middle

Sex M Date of birth 6/7/62 Age 7.5

Address 2917 Grand Concourse Phone CY 8 4253
Room 10468 call father @ 430-2026-ask for Flynn

Informant mother (reliable)

NW51 FLYNN JAMES
2917 GRAND CONCOURSE EX NY
W HJP 06 0762R
PED L FLYNN 6 12 69
ROSEANN M CY 8 4253
SAME ADD
690562 M7RC

* Hospital Extension to Boiler Room

Referred by:

CHIEF COMPLAINT

high fever + vomiting x 1 day

FAMILY HISTORY

	Age	Nativity	Past Illnesses	Present Health
Mother	25	USA	toxemia, PBO, Adenocarcinoma of the stomach, Testicular tumor	Ataxia walking
Father	27	USA	strabismic squint infantile squint 7-10	good
<u>John</u>	5	USA		good
<u>Cheryl</u>	4	USA	ok	good

BIRTH

Maternal illness during pregnancy including x-rays taken

gave calanpril - gain 43 lbs + 70PDrugs taken during pregnancy hydrocodonelegonamine during deliveryObstetric complications none no forcepsBirth weight 7.5 Duration of pregnancy termNutrition History Examil

POSTNATAL CONDITION

Cyanosis noJaundice yes - max 10PConvulsions noneInjuries noneVomiting noDiarrhea noInfections chronic ear infection; discharged

Iso-immunization

Other



NATIONAL ARCHIVES and
RECORDS ADMINISTRATION

8601 ADELPHI ROAD
COLLEGE PARK, MD 20740-6001
www.archives.gov

December 12, 2013

James Flynn III
AN9064/05-123; CSATF
PO Box 5242
Corcoran, CA 93212

Dear Mr. Flynn:

This is in response to your November 8, 2013, Freedom of Information Act request (RD-41747) for information relating to Department of Health and Human Services (HHS) records relating to their participation in, and investigation of, human medical experimentation and human radiation experimentation performed at Montefiore Medical Center in Bronx, New York, under the supervision of the Department of Defense (DoD) and the Department of Energy (DoE) prior to 1974. We received your request on December 9, 2013.

The Advisory Committee on Human Radiation Experiments (ACHRE) was created by President Clinton on January 15, 1994 to investigate and report on the use of human beings as subjects of federally funded research using ionizing radiation. It pulled in records from the agencies under investigation and those records remain in Record Group (RG) 220, Records of Temporary Committees, Commissions, and Boards. In RG 220, A1 Entry 42100H, Advisory Committee On Human Radiation Experiments (ACHRE), Research Document Library. We have 14 cartons of records from HHS relating to human radiation experimentation. We also have an additional (3000 pages) carton of files that relate specifically to activities at Montefiore Medical Center. All of these records are open and available for public review at our College Park, Maryland, facility. We can also arrange to photocopy these files for you. Although given the amount of pages involved (45,000+) this would be very expensive.

We do not consider this response a denial under the Freedom of Information Act because the records you are seeking are open and available to the public. If you consider this an adverse response, you may appeal by writing to the Deputy Archivist (ND), National Archives at College Park, 8601 Adelphi Road, College Park, Maryland, 20740-6001, and explain why you think our search does not meet the requirements of the FOIA.

~~We regret that we could not be of more assistance to you.~~ If there are any further questions, the staff of the Archives II Reference Section would be pleased to help. We may be contacted by writing to the Archives II Reference Section (RDTR2), The National Archives at College Park, 8601 Adelphi Road, College Park, MD 20740-6001.

GENE MORRIS
Archives II Reference Section (RDTR2)



NATIONAL ARCHIVES *and*
RECORDS ADMINISTRATION

8601 ADELPHI ROAD
COLLEGE PARK, MD 20740-6001

www.archives.gov

January 28, 2014

James Patrick Flynn III
AN9064/05-123; CSATF
PO Box 5242
Corcoran, CA 93212

Dear Mr. Flynn:

This is in response to your January 5, 2014, Freedom of Information Act request (RD-42163) for information relating to the records of the Advisory Committee on Human Radiation Experiments (ACHRE), pertaining to Montefiore Hospital in Bronx, New York, circa June 1969, as well as information about the policies of the National Archives and Records Administration. You also requested information on any records relating to human medical experimentation and research into radioactive, biological, and chemical agents including experimental drugs used for warfare and interrogation purposes performed at Montefiore Hospital under the supervision of the Department of Health and Human Services (HHS), Department of Defense (DoD), the Central Intelligence Agency (CIA), the Department of Justice (DoJ), and the Department of Energy (DoE). You are also seeking information on United States Senate investigations in MKULTRA, MKDELTA, MKNAOMI, and other CIA/DOD programs aimed at mind control and interrogation. We received your request on December 9, 2013.

The ACHRE records discussed in our earlier letter are not available online in any format. You will have to order copies of the documents in question or send someone in to look through the records. The carton of files that relates specifically to Montefiore Hospital contains roughly 3000 pages. The Freedom of Information Act does not obligate federal agencies to conduct research for the requestor. As a matter of policy, the National Archives is staffed to assist researchers with their work, but not to undertake substantive research for them. The fee schedule of the National Archives is available online at: <http://www.archives.gov/research/order/fees.html>. National Archives does not provide copies with charging. We have a minimum charge of \$20 for 25 pages or less. Above 25 pages, we charge 80 cents per page.

The 14 cartons we previously identified in Record Group (RG) 220, Records of Temporary Committees, Commissions, and Boards, A1 Entry 42100H, Advisory Committee on Human Radiation Experiments (ACHRE), Research Document Library, are all the records we can identify as relating to human experimentation. There may be additional information on Senate investigations in the Center for Legislative Archives. You can write to them at: Center for Legislative Archives, 700 Pennsylvania Ave., NW, Washington, DC 20408.

NATIONAL ARCHIVES and
RECORDS ADMINISTRATION8601 ADELPHI ROAD
COLLEGE PARK, MD 20740-6001www.archives.gov

Your request for additional records relating to human medical experimentation and research at Montefiore Hospital undertaken by CIA, DoD, DoE, DoJ, or HHS fails to meet certain tests of the FOIA. You have requested a broad search of multiple record groups rather than describing specific documents within those record groups. The Freedom of Information Act does not obligate federal agencies to do research for the requestor. As a matter of policy, the National Archives is staffed to assist researchers with their work, but not to undertake substantive research for them.

We do not consider this response a denial under the Freedom of Information Act because the records we discussed previously are open and available to the public and your request for additional records is too broad.

If you consider this an adverse response, you may appeal by writing to the Deputy Archivist (ND), National Archives at College Park, 8601 Adelphi Road, College Park, Maryland, 20740-6001, and explain why you think our search does not meet the requirements of the FOIA.

We regret that we could not be of more assistance to you. If there are any further questions, the staff of the Archives II Reference Section would be pleased to help. We may be contacted by writing to the Archives II Reference Section (RDTR2), The National Archives at College Park, 8601 Adelphi Road, College Park, MD 20740-6001.

Sincerely,

GENE MORRIS

Archives II Reference Section (RDTR2)
Textual Archives Services Division



Department of Energy

Office of Scientific and Technical Information

Post Office Box 62

Oak Ridge, Tennessee 37831

October 21, 2013

Re: DOE Appeal # FIA-13-0070

: Nuclear Regulatory Comm. # FOIA-2014-00032

Pending: U.S. Senate

: U.S. House of Rep.

: Dept. of Defense

: Dept. of Justice

: Dept. of Health and Human Services

: Central Intelligence Agency

Mr. James Flynn III
AN9064/D5-123; CSATF
P. O. Box 5242
Corcoran, CA 93212

Re: OSTI-2014-00075-F

Dear Mr. Flynn III:

This is in final response to the request for information that you sent to the Department of Energy (DOE) Office of Scientific and Technical Information (OSTI) under the Freedom of Information Act (FOIA), 5 U.S.C. 552. You asked for specific information from DOE pertaining to:

1. Victims of Radiation Experimentation Act (Pre 1971)
2. Children sold for medical experimentation (Pre June 27, 1969)
3. Transfer of Radioactive Material Records (1947 through 1971)
4. For experimental and/or scientific use

- Montefiore Medical Center, Bronx, NY 10467
- Albert Einstein College of Medicine, Bronx, NY 10461
- Yeshiva University, New York, NY 1033-3201

A search was conducted of the files of this office. As result of the search, the following Web sites were identified:

- Most of the human radiation experiments have been declassified and an entire DOE website has been established at: <http://www.hss.energy.gov/HealthSafety/ohre/index.html>
- A "Spotlight" on human radiation experiments documents is available on OpenNet at <https://www.osti.gov/opennet/spotlight.jsp>.
- DOE/EH-0491 "Human radiation experiments associated with the US Department of Energy and its predecessors" and can be found at <http://www.osti.gov/scitech/biblio/93493>. This document lists 6 studies at Montefiore Hospital.
- DOE/EH-0445 provides a listing of the records collected and available on human radiation experiments. The URL address is <http://www.osti.gov/scitech>.

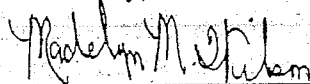
- DoD has a page on their human radiation experiments. The "related sites" page from the HHS site is at <http://www.hss.energy.gov/HealthSafety/ohre/related.html> and also see <http://www.defense.gov/pubs/dodhre/index.html> (DoD report)

Pursuant to 10 CFR 1004.8, you may challenge the adequacy of the search for responsive documents by submitting a written appeal to the Director, Office of Hearings and Appeals, at HG-1/L'Enfant Plaza Building, U.S. DOE, 1000 Independence Avenue, SW, Washington, DC 20585-1615. You should submit the appeal within 30 calendar days of receipt of this determination.

The written appeal, including the envelope, must clearly indicate that a FOIA appeal is being made. The appeal must contain the elements required by 10 CFR 1004.8, including a copy of this letter. Judicial review will thereafter be available (1) in the district where you reside; (2) in the district where you have your principal place of business; (3) in the district where the DOE records are located; or (4) in the District of Columbia.

I appreciate the opportunity to assist you. If you have any questions about the processing of the request or about this letter, please contact Ms. Madelyn Wilson on (865) 576.8408.

Sincerely,



Madelyn M. Wilson
FOIA Officer

- Can the Courts be used to order the release of all relevant info.?
- Any help you can provide will be appreciated. Thank You! *J. P. Fly*

Human radiation experiments associated with the US Department of Energy and its predecessors
(Jul. 1995)

This document contains a listing, description, and selected references for documented human radiation experiments sponsored, supported, or performed by the US Department of Energy (DOE) or its predecessors, including the US Energy Research and Development Administration (ERDA), the US Atomic Energy Commission (AEC), the Manhattan Engineer District (MED), and the Office of Scientific Research and Development (OSRD). The list represents work completed by DOE's Office of Human Radiation Experiments (OHRE) through June 1995. The experiment list is available on the Internet via a Home Page on the World Wide Web (<http://www.ohre.doe.gov>). The Home Page also includes the full text of Human Radiation Experiments. The Department of Energy Roadmap to the Story and the Records (DOE/EH-0445), published in February 1995, to which this publication is a supplement. This list includes experiments released at Secretary O'Leary's June 1994 press conference, as well as additional studies identified during the 12 months that followed. Cross-references are provided for experiments originally released at the press conference; for experiments released as part of The DOE Roadmap; and for experiments published in the 1986 congressional report entitled *American Nuclear Guinea Pigs: Three Decades of Radiation Experiments on US Citizens*.

An appendix of radiation terms is also provided.

Associated with the U.S. Department of Energy and Its Predecessors

OT-68. Metabolism Studies Using Strontium-85 and Calcium-45

DURING THE MID-1950s, researchers at Columbia University and Montefiore Hospital in New York City conducted metabolism studies using strontium-85 (Sr^{85}) and calcium-45 (Ca^{45}). The purpose of these studies was to obtain data that might be relevant to the metabolism of strontium-90, a product of nuclear fission.

Twelve hospital patients ranging in age from 49 to 72 years, including 10 terminally ill cancer patients, participated as subjects. The cancer patients received simultaneous intravenous injections of 1.5 microcuries of Sr^{85} and 0.4 microcurie of Ca^{45} per kilogram of body weight. The other two patients received only one injection of either Sr^{85} or Ca^{45} .

These studies showed that the isotopes were evenly divided between bone and soft tissue shortly after administration, but after 4 months, 99 percent of the Sr^{85} and Ca^{45} remaining in the body resided in bone. This work was supported by the U.S. Atomic Energy Commission. (This experiment was referenced in the Markey report.)

References

Schulert, A.R., E.A. Peets, D. Laszlo, H. Spencer, M. Charles, and J. Samachson. "Comparative Metabolism of Strontium and Calcium in Man." *International Journal of Applied Radiation and Isotopes*. Vol. 4, 1959, pp. 144-153. □

OT-69. Strontium Metabolism Studies Using Strontium-85

DURING THE MID-1950s, researchers at Montefiore Hospital in New York City conducted studies on the human uptake, distribution, and excretion of strontium using strontium-85 (Sr^{85}). These studies arose from concerns about human hazards from strontium-90, a nuclear fission product.

Four hospital patients participated as subjects. Each subject received two intravenous injections of 0.1 to 0.4 microcurie of Sr^{85} per kilogram of body weight: one injection with stable calcium, and one without. Urine, feces, and plasma samples were analyzed over the next 48 hours for Sr^{85} . One subject underwent a second series of

tests in which the injections were administered over a 5-hour period.

The results of these studies showed that strontium levels in plasma declined rapidly, that the kidneys are the main excretion route, that rate of excretion depends upon bone metabolism rate, and that simultaneous administration of calcium enhances strontium excretion. This work was supported by the U.S. Atomic Energy Commission.

References

Spencer, H., M. Brothers, E. Berger, H.E. Hart, and D. Laszlo. "Strontium-85 Metabolism in Man and Effect of Calcium on Strontium Excretion." In *Proceedings of the Society for Experimental Biology and Medicine*. Vol. 91, January-April 1956, pp. 155-157. □

OT-70. Studies on EDTA and Strontium Excretion Using Strontium-85

DURING THE MID-1950s, researchers at Montefiore Hospital in New York City conducted studies on the effect of ethylenediaminetetraacetic acid (EDTA) on the excretion of strontium in humans using strontium-85 (Sr^{85}). One female and two male cancer patients ranging in age from 40 to 70 years participated as subjects.

Each subject received two intravenous injections of 0.1 to 0.4 microcurie of Sr^{85} per kilogram of body weight, accompanied by several intravenous injections of EDTA over several days. Strontium-85 activity was measured in plasma, urine, and fecal samples collected over the course of the study.

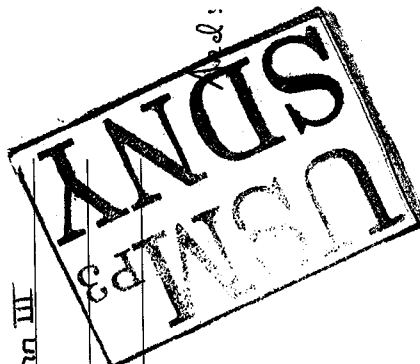
The results of these studies showed an inhibition of urinary excretion of Sr^{85} when EDTA was administered, followed by an excess excretion when the EDTA was discontinued. This work was supported by the U.S. Atomic Energy Commission.

References

Spencer, H., J. Samachson, and D. Laszlo. "Effect of Ethylenediaminetetraacetic Acid on Radiostrontium Excretion in Man." In *Proceedings of the Society for Experimental Biology and Medicine*. Vol. 97, January-April 1958, pp. 565-567. □

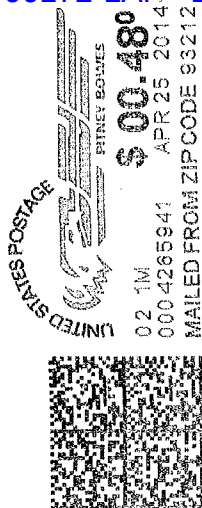
CSATF/STATE PRISON AT CORCORAN
P.O. Box 5242
CORCORAN, CA 93212

NAME James P. Flynn III
NUMBER AN9064
HOUSING D5-229



STATE PRISON
GENERATED MAIL / LEGAL

1000731316



Docket Services

Pro Se office / Clerk

Attn: The Honorable Chief Judge Loretta A. Preska

United States District Court (SDNY)

U.S. Courthouse, 500 Pearl St.

New York, NY 10007

